

REMARKS

The Official Action dated June 1, 2006, has been carefully reviewed and the foregoing amendment has been made in response thereto. The Official Action rejected claims 1 through 10 under 35 U.S.C. §101 as being directed to non-statutory subject matter, stating that a data structure is not a patentable subject matter. Claims 1 through 10 were provisionally rejected under the judicially created doctrine of obvious-type double patenting as being unpatentable over claims 1-11 of U.S. Patent Application No. 09/838,101; claims 1-32 of U.S. Patent Application No. 09/921,566; claims 1-14 of U.S. Patent Application No. 09/990,539; claims 1-13 of U.S. Patent Application No. 10/017,146; claims 1-8 of U.S. Patent Application No. 10/027,967; and claims 1-19 of U.S. Patent Application No. 10/190,099. Claims 1 through 10 further stand rejected under 35 U.S.C. §102(b) as being clearly anticipated by “NCR E-business Teradata @ctive Warehouse 2.0 Installation and Customization Guide,” dated June 2000.

The foregoing amendment presents numerous amendments to the claims to address the issues stated in the present Official Action.

Rejection of Claims 1 through 10 under 35 U.S.C. §101

It is believed that the rejection of claims 1 through 10 under 35 U.S.C. §101 has been overcome by the amendments to the claims presented above. As amended, claims 1 through 5 are each directed to a method for constructing a data warehouse for a customer within a specific industry. Each claim recites the steps of (1) selecting at least one shared subject area from a plurality of predefined shared subject areas for inclusion in a logical data model for said data warehouse, each one of said predefined shared subject areas comprising a plurality of entities and relationships defining the manner in which basic information common to two

or more industries is stored within a database; and (2) populating said data warehouse with data in accordance with said logical data model.

Claims 6 through 10, as amended, are each directed to a data warehouse system for a customer within a specific industry. Each one of claims 6 through 10 include recites (1) a relational database for holding information, said information being organized within said relational database in accordance with a logical data model; (2) said logical data model including a plurality of subject areas, each one of said subject areas including entities and relationships defining the manner in which subsets of said information is stored and organized within said data warehouse; and (3) said plurality of subject areas including at least one shared subject area selected from a plurality of predefined shared subject areas, each one of said predefined shared subject area comprising a plurality of entities and relationships defining the manner in which basic information common to two or more industries is stored within a database.

The utility of data warehouse systems is believed to be well established. Applicant asserts that the choice of information and the organization of that information within a database have a direct impact on the usefulness of the database, the size of the database, and the efficiency in which data can be extracted from the database, e.g., the ability to execute queries and the execution time of those queries.

Applicant believes that claims 1 through 5, which each directed to a method for constructing a data warehouse for a customer within a specific industry, each define an invention which provides useful, concrete and tangible results for a communications service provider. Similarly, Applicant believes that claims 6 through 10, which are each directed to a data warehouse system for a customer within a specific industry, each define an invention which provides useful, concrete and tangible results for a retail enterprise. Accordingly, it is believed that

claims 1 through 10 each recite an invention directed to patentable subject matter within the meaning of 35 U.S.C. §101.

Provisional Double-Patenting Rejection of Claims 1 through 10

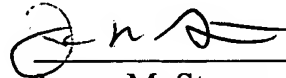
It is believed that the provisional rejection of claims 1 through 10 under the judicially created doctrine of obvious-type double patenting has been overcome by the amendments to claims 1 through 10. None of the references cited in the provisional rejection discloses or claims the method for constructing a data warehouse as recited in amended claims 1 through 5. Similarly, none of the references cited in the provisional rejection discloses or claims a data warehouse system constructed in the manner recited in amended claims 6 through 10.

Rejection of Claims 1 through 10 under 35 U.S.C. §102(b)

It is believed that the rejection of claims 1 through 10 under 35 U.S.C. §102(b) has been overcome by the amendments to claims 1 through 10. The cited reference, “NCR E-business Teradata @ctive Warehouse 2.0 Installation and Customization Guide,” does not teach or suggest the method for constructing a data warehouse as recited in amended claims 1 through 5. Similarly, the cited reference does not teach or suggest a data warehouse system constructed in the manner recited in amended claims 6 through 10. In particular, the cited reference does not teach or suggest a plurality of predefined subject areas, or the selection of shared subject areas from the plurality of predefined subject areas for inclusion in a logical data model utilized in the construction of a data warehouse system.

In view of the foregoing amendments and remarks, it is believed that the application is in condition for allowance. Early and favorable action is respectfully requested.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'J. M. Stover', is written over a horizontal line.

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